

Try: Complete without notes or help.

30

Name: _____

Date: _____

Math: _____

Pre-Algebra

QUIZ

Lesson 1, 2, and 3

Homework

Directions: Complete all work in the boxes below. Show all steps of your work to receive partial credit. Box your final answer. *Each question is worth 5 points.*

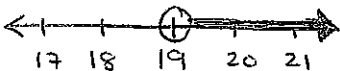
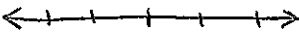
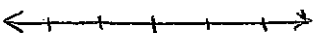
1. Which of the following numbers in the set $\{-4, 6, 18, 120\}$ are solutions for

$$16 > x + 5$$

Solutions: _____

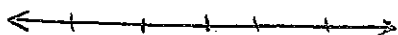
Justify your answer using complete sentences.

2. Fill in the missing boxes

Graph	English "translation"	Mathematical inequality
		
		$x \leq 5$
	y is less than -4	

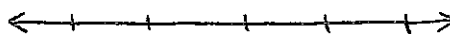
3. Solve using balancing. Graph your solution.

$$X - 9 < -17$$



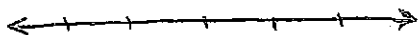
4. Solve using balancing. Graph your solution.

$$5x \geq -20$$



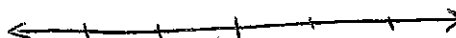
5. Solve using balancing. Graph your solution.

$$\frac{X}{4} > 16$$



6. Solve using balancing. Graph your solution.

$$X + 9 \leq 20$$



Pledge:

I, _____, pledge that this assessment reflects my own work, that I have not engaged in giving or receiving information regarding this assessment, and that I will not discuss this assessment with other students.

X _____